

Form PTO-1449 (modified)		Atty. Docket No.: FHCC:016US	Serial No.: 10/593,202
List of Patents and Publications for Applicant's INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)		Applicant: Larry R. ROHRSCHNEIDER	
		Filing Date: July 25, 2007	Group: 1632
U.S. Patent Documents <i>See Page 1</i>	Foreign Patent Documents <i>See Page 1</i>	Other Art <i>See Page 1-4</i>	

U.S. Patent Documents

Exam. Init.	Ref. Des.	Document Number	Date	Name	Class	Sub Class	Filing Date of App.
	A11	11/910,729	10/04/07	Rohrschneider	435	006	10/04/07
	A12	5,556,954	09/17/96	Burn <i>et al.</i>	536	24.1	12/15/92

Foreign Patent Documents

Exam. Init.	Ref. Des.	Document Number	Date	Country	Language
	B1	WO 2005/090559	09/29/05	WIPO	English

Other Art (Including Author, Title, Date Pertinent Pages, Etc.)

Exam. Init.	Ref. Des.	Citation
	C21	"Communication pursuant to Article 94(3) EPC," issued in European Application No. 06748455.0, dated April 8, 2008.
	C22	Abbott and Giordano, "Stem cells and cardiovascular disease," <i>J. Nucl. Cardiol.</i> , 10(4):403-412, 2003.
	C23	Adhikary and Eilers, "Transcriptional regulation and transformation by Myc proteins," <i>Nat. Rev. Mol. Cell Biol.</i> , 6(8):635-645, 2005.
	C24	Al-Hajj <i>et al.</i> , "Prospective identification of tumorigenic breast cancer cells," <i>Proc. Natl. Acad. Sci. USA</i> , 100:3983-3988, 2003.
	C25	Alonso and Rosenfield, "Molecular genetic and endocrine mechanisms of hair growth," <i>Hormone Research</i> , 60(1):1-13, 2003.
	C26	Alvarez-Buylla and Lim, "For the long run: maintaining germinal niches in the adult brain," <i>Neuron</i> , 41(5):683-686, 2004.
	C27	Andl <i>et al.</i> , "WNT signals are required for the initiation of hair follicle development," <i>Cell</i> , 2:643-653, 2002.
	C28	Barker <i>et al.</i> , "Identification of stem cells in small intestine and colon by marker gene Lgr5," <i>Nature</i> , 449:1003-1008, 2007.

65193959.1

EXAMINER:

DATE CONSIDERED:

EXAMINER: INITIAL IF REFERENCE CONSIDERED, WHETHER OR NOT CITATION IS IN CONFORMANCE WITH MPEP609; DRAW LINE THROUGH CITATION IF NOT IN CONFORMANCE AND NOT CONSIDERED. INCLUDE COPY OF THIS FORM WITH NEXT COMMUNICATION TO APPLICANT.

INFORMATION DISCLOSURE STATEMENT — PTO-1449 (MODIFIED)

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /M.W./

Form PTO-1449 (modified)		Atty. Docket No.: FHCC:016US	Serial No.: 10/593,202
List of Patents and Publications for Applicant's INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)		Applicant: Larry R. ROHRSCHEIDER	
		Filing Date: July 25, 2007	Group: 1632
U.S. Patent Documents <i>See Page 1</i>	Foreign Patent Documents <i>See Page 1</i>	Other Art <i>See Page 1-4</i>	

Other Art (Including Author, Title, Date Pertinent Pages, Etc.)

Exam. Init.	Ref. Des.	Citation
	C29	Bhatia <i>et al.</i> , "Purification of primitive human hematopoietic cells capable of repopulating immune-deficient mice," <i>Proc. Natl. Acad. Sci. USA</i> , 94:5320-5325, 1997.
	C30	Brauweiler <i>et al.</i> , "Bilevel control of B-cell activation by the inositol 5-phosphatase SHIP," <i>Immunol. Rev.</i> , 176:69-74, 2000.
	C31	Brinster and Avarbock, "Germline transmission of donor haplotype following spermatogonial transplantation," <i>Proc. Natl. Acad. Sci. USA</i> , 91(24):11303-11307, 1994.
	C32	Capela and Temple, "LeX/ssea-1 is expressed by adult mouse CNS stem cells, identifying them as nonependymal," <i>Neuron.</i> , 35(5):865-875, 2002.
	C33	Cotsarelis <i>et al.</i> , "Label-retaining cells reside in the bulge area of pilosebaceous unit: implications for follicular stem cells, hair cycle, and skin carcinogenesis," <i>Cell</i> , 61(7):1329-1337, 1990.
	C34	Daley and Goldman, "Autologous transplant for CML revisited," <i>Exp. Hematol.</i> , 21(6):734-737, 1993.
	C35	Danielian <i>et al.</i> , "Modification of gene activity in mouse embryos in utero by a tamoxifen-inducible form of Cre recombinase," <i>Curr. Biol.</i> , 8(24):1323-1326, 1998.
	C36	Dzierzak <i>et al.</i> , "Qualitative and quantitative aspects of haematopoietic cell development in the mammalian embryo," <i>Immunol. Today</i> , 19:228-236, 1998.
	C37	Faustino and Cooper, "Pre-mRNA splicing and human disease," <i>Genes Dev.</i> , 17(4):419-437, 2003.
	C38	Frid <i>et al.</i> , "Multiple phenotypically distinct smooth muscle cell populations exist in the adult and developing bovine pulmonary arterial media <i>in vivo</i> ," <i>Circ. Res.</i> , 75(4):669-681, 1994.
	C39	Geier <i>et al.</i> , "The human SHIP gene is differentially expressed in cell lineages of the bone marrow and blood," <i>Blood</i> , 89(6):1876-1885, 1997.
	C40	Hao <i>et al.</i> , "Heterogeneity of smooth muscle cell populations cultured from pig coronary artery," <i>Arterioscler. Thromb. Vasc. Biol.</i> , 22(7):1093-1099, 2002.
	C41	Hennighausen and Robinson, "Information networks in the mammary gland," <i>Nat. Rev. Mol. Cell Biol.</i> , 6(9):715-725, 2005.
	C42	Hirai, "Stem cells and regenerative medicine," <i>Hum. Cell.</i> , 15(4):190-198, 2002.

65193959.1

EXAMINER:

DATE CONSIDERED:

EXAMINER: INITIAL IF REFERENCE CONSIDERED, WHETHER OR NOT CITATION IS IN CONFORMANCE WITH MPEP609; DRAW LINE THROUGH CITATION IF NOT IN CONFORMANCE AND NOT CONSIDERED. INCLUDE COPY OF THIS FORM WITH NEXT COMMUNICATION TO APPLICANT.

INFORMATION DISCLOSURE STATEMENT — PTO-1449 (MODIFIED)
ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /M.W./

Form PTO-1449 (modified)		Atty. Docket No.: FHCC:016US	Serial No.: 10/593,202
List of Patents and Publications for Applicant's INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)		Applicant: Larry R. ROHRSCHEIDER	
		Filing Date: July 25, 2007	Group: 1632
U.S. Patent Documents <i>See Page 1</i>	Foreign Patent Documents <i>See Page 1</i>	Other Art <i>See Page 1-4</i>	

Other Art (Including Author, Title, Date Pertinent Pages, Etc.)

Exam. Init.	Ref. Des.	Citation
	C43	Kaufman, "Differentiation of the urogenital ridges, gonads and genital duct system," In: The Atlas of Mouse Development, Academic Press, San Diego, pg. 453-463, 2001.
	C44	Komori <i>et al.</i> , "Targeted disruption of Cbfa1 results in a complete lack of bone formation owing to maturational arrest of osteoblasts," <i>Cell</i> , 89:755-764, 1997.
	C45	Kondo <i>et al.</i> , "Biology of hematopoietic stem cells and progenitors: implications for clinical application," <i>Annu. Rev. Immunol.</i> , 21:759-806, 2003.
	C46	Kuang <i>et al.</i> , "Niche Regulation of Muscle Satellite Cell Self-Renewal and Differentiation," <i>Cell Stem Cell</i> 2, pg. 22-31, 2008.
	C47	Lapidot <i>et al.</i> , "A cell initiating human acute myeloid leukaemia after transplantation into SCID mice," <i>Nature</i> , 367:645-648, 1994.
	C48	Lavker <i>et al.</i> , "Hair Follicle Stem Cells: Their Location, Role in Hair Cycle, and Involvement in Skin Tumor Formation," <i>J. Invest. Dermatol.</i> , 101(1 Suppl.):16S-26S, 1993.
	C49	Levy <i>et al.</i> , "Distinct stem cell populations regenerate the follicle and interfollicular epidermis," <i>Dev. Cell.</i> , 9(6):855-861, 2005.
	C50	McKeon, "p63 and the epithelial stem cell: more than status quo?," <i>Genes Dev.</i> , 18(5):465-469, 2004.
	C51	Millar, "Molecular mechanisms regulating hair follicle development," <i>J. Invest. Dermatol.</i> , 118:216-225, 2002.
	C52	Mills <i>et al.</i> , "p63 is a p53 homologue required for limb and epidermal morphogenesis," <i>Nature</i> , 398(6729):708-713, 1999.
	C53	Nagy <i>et al.</i> , "Staining for beta-galactosidase (lacZ) activity," In: Manipulating the Mouse Embryo, A Laboratory Manual, Third Ed., Cold Spring Harbor, NY, Cold Spring Harbor Press, pg. 689-691, 2003.
	C54	Nakano, "Hematopoietic stem cells: generation and manipulation," <i>Trends Immunol.</i> , 24(11):589-594, 2003.
	C55	Nott <i>et al.</i> , "Splicing enhances translation in mammalian cells: an additional function of the exon junction complex," <i>Genes Dev.</i> , 18(2):210-222, 2004.
	C56	PCT International Preliminary Report on Patentability, issued in International Application No. PCT/US2006/009927, dated September 27, 2007.

65193959.1

EXAMINER:

DATE CONSIDERED:

EXAMINER: INITIAL IF REFERENCE CONSIDERED, WHETHER OR NOT CITATION IS IN CONFORMANCE WITH MPEP609; DRAW LINE THROUGH CITATION IF NOT IN CONFORMANCE AND NOT CONSIDERED. INCLUDE COPY OF THIS FORM WITH NEXT COMMUNICATION TO APPLICANT.

Form PTO-1449 (modified)		Atty. Docket No.: FHCC:016US	Serial No.: 10/593,202
List of Patents and Publications for Applicant's INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)		Applicant: Larry R. ROHRSCHEIDER	
		Filing Date: July 25, 2007	Group: 1632
U.S. Patent Documents <i>See Page 1</i>	Foreign Patent Documents <i>See Page 1</i>	Other Art <i>See Page 1-4</i>	

Other Art (Including Author, Title, Date Pertinent Pages, Etc.)

Exam. Init.	Ref. Des.	Citation
	C57	PCT International Search Report and Written Opinion, issued in International Application No. PCT/US2006/009927, dated September 8, 2006.
	C58	Pellegrini <i>et al.</i> , "p63 identifies keratinocyte stem cells," <i>Proc. Natl. Acad. Sci. USA</i> , 98(6):3156-3161, 2001.
	C59	Sanchez <i>et al.</i> , "An SCL 3' enhancer targets developing endothelium together with embryonic and adult haematopoietic progenitors," <i>Development</i> , 126:3891-3904, 1999.
	C60	Sattler <i>et al.</i> , "SHIP1, an SH2 domain containing polyinositol-5-phosphatase, regulates migration through two critical tyrosine residues and forms a novel signaling complex with DOK1 and CRKL," <i>J. Biol. Chem.</i> , 276:2451-2458, 2001.
	C61	Seri <i>et al.</i> , "Astrocytes give rise to new neurons in the adult mammalian hippocampus," <i>J. Neurosci.</i> , 21(18):7153-7160, 2001.
	C62	Shackleton <i>et al.</i> , "Generation of a functional mammary gland from a single stem cell," <i>Nature</i> , 439(7072):84-88, 2006.
	C63	Singh <i>et al.</i> , "Identification of a cancer stem cell in human brain tumors," <i>Cancer Res.</i> , 63:5821-5828, 2003.
	C64	Stingl <i>et al.</i> , "Enzymatic dissociation and culture of normal human mammary tissue to detect progenitor activity," <i>Methods Mol. Biol.</i> , 290:249-263, 2005.
	C65	Tamir <i>et al.</i> , "The RasGAP-binding protein p62dok is a mediator of inhibitory FcgammaRIIB signals in B cells," <i>Immunity</i> , 12:347-358, 2000.
	C66	Topper and Freeman, "Multiple Hormone Interactions in the Developmental Biology of the Mammary Gland," <i>Physiol. Rev.</i> , 60(4):1049-1106, 1980.
	C67	Williams and Daniel, "Mammary ductal elongation: differentiation of myoepithelium and basal lamina during branching morphogenesis," <i>Dev. Biol.</i> , 97(2):274-290, 1983.
	C68	Xu <i>et al.</i> , "Beta Cells Can Be Generated from Endogenous Progenitors in Injured Adult Mouse Pancreas," <i>Cell</i> , 132:197-207, 2008.
	C69	Yang <i>et al.</i> , "p63 is essential for regenerative proliferation in limb, craniofacial and epithelial development," <i>Nature</i> , 398(6729):714-718, 1999.
	C70	Ye <i>et al.</i> , "Genetically engineered fluorescent cell marker for labeling CD34+ hematopoietic stem cells," <i>Biotechnol. Prog.</i> , 20:561-565, 2004.

65193959.1

EXAMINER:	/Michael Wilson/	DATE CONSIDERED:	05/20/2009
-----------	------------------	------------------	------------

EXAMINER: INITIAL IF REFERENCE CONSIDERED, WHETHER OR NOT CITATION IS IN CONFORMANCE WITH MPEP609; DRAW LINE THROUGH CITATION IF NOT IN CONFORMANCE AND NOT CONSIDERED. INCLUDE COPY OF THIS FORM WITH NEXT COMMUNICATION TO APPLICANT.

INFORMATION DISCLOSURE STATEMENT — PTO-1449 (MODIFIED)
ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /M.W./